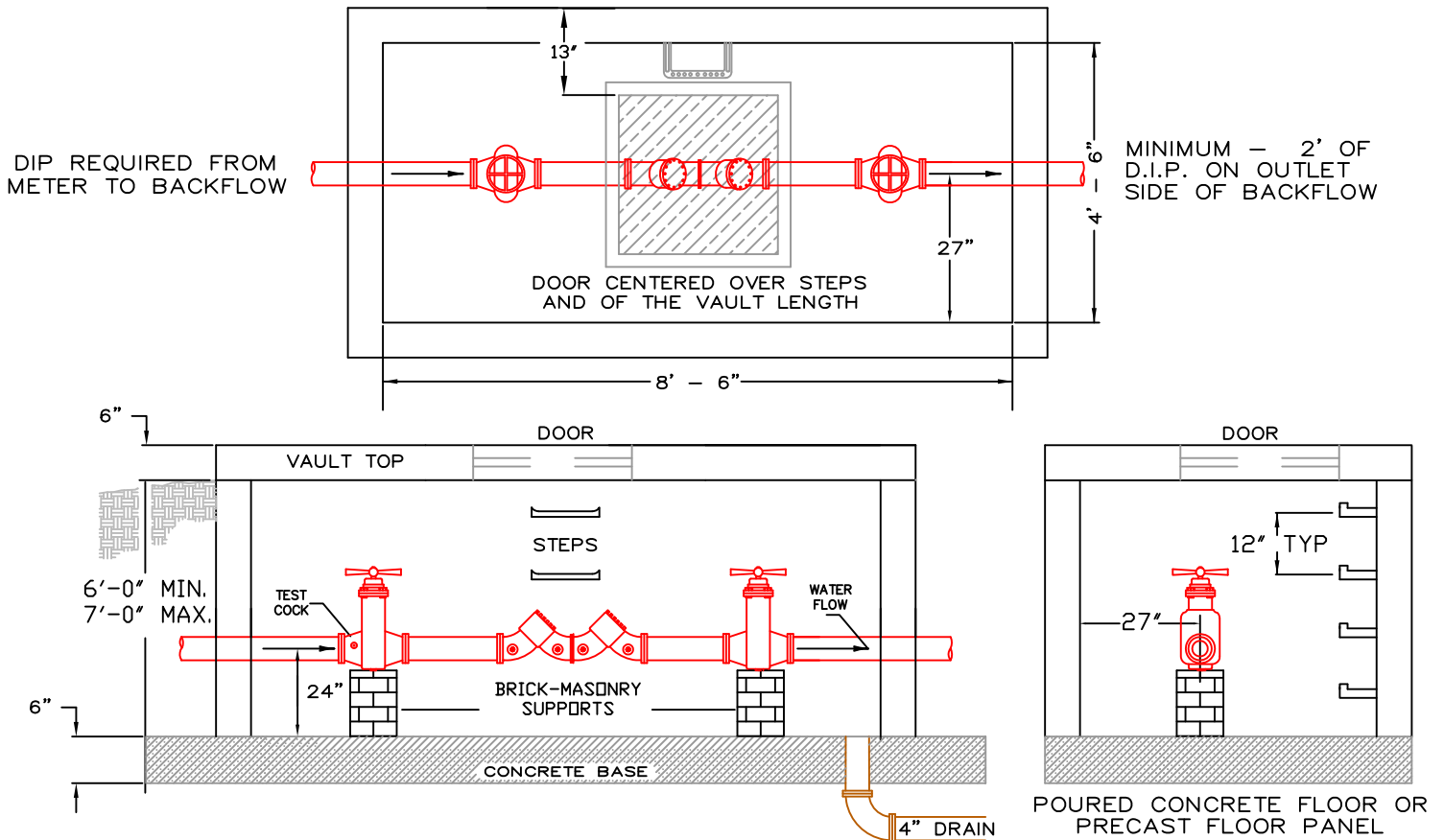


# SIZES: 3" - 10" DOUBLE CHECK VALVES



1. THE BACKFLOW DEVICE SHALL BE WITHIN 10' OF AND ON THE PROPERTY SIDE OF THE METER OR AT THE FIRST POINT OF CONTACT INSIDE OF THE BUILDING WITH PRIOR APPROVAL FROM THE CROSS CONNECTION COORDINATOR.
2. SHUT OFF VALVES SHALL BE RESILIENT SEAT WITH FLANGED ENDS AND HANDWHEEL.
3. ALL INTERIOR AND EXTERIOR IRON SURFACES SHALL HAVE EPOXY COATINGS TO CONFORM TO ANSI/AWWA C550, OR MANUFACTURED OF STAINLESS STEEL.
4. THE BACKFLOW DEVICE SHALL HAVE 4 TEST COCKS WITH ONE INSTALLED ON THE CITY SIDE OF THE INLET GATE VALVE.
5. FOR A LIST OF APPROVED BACKFLOW DEVICES CALL METER SERVICES AT (336)373-2071
6. AN ABOVE GROUND ENCLOSURES CAN BE USED, AS PER CITY SPECIFICATIONS.
7. ALL DOUBLE CHECK VALVES SHALL BE INSTALLED IN A HORIZONTAL POSITION, EXCEPT FOR THOSE UNITS APPROVED FOR A VERTICAL INSTALLATION.
8. A FLOOR DRAIN IS REQUIRED IF BACKFLOW IS INSTALLED IN A PAVED AREA OR INSIDE OF A BUILDING.
9. A FOUR INCH GRAVITY FLOOR DRAIN SHALL BE PROVIDED, OR A 2" SUMP PUMP, INSTALLED IN A 12" SQUARE BY 12" DEEP SUMP BASIN.
10. VAULT TOPS SHALL BE ONE PIECE, REINFORCED CONCRETE (SEPERATE UNIT FROM THE VAULT) WITH THE ACCESS DOOR CASTED IN. ACCESS DOOR SHALL BE 36"x 36" ALUMINUM WITH SPRINGS AND SLAM LOCK MECHANISM. ALL HARDWARE SHALL BE STAINLESS STEEL. USE U.S. FOUNDRY APS 300 OR APPROVED EQUAL. THE DOOR SHALL OPEN FROM THE CENTER OF THE VAULT.
11. VAULT WALLS SHALL BE 6" PRECAST WALL SECTIONS, OR 8" BLOCK. IF BLOCK WALLS ARE USED, THEN COAT THE OUTSIDE OF WALLS WITH THORO-SEAL OR APPROVED EQUAL.

DATE:  
6-15-88

**DOUBLE CHECK VALVES**

**CITY OF GREENSBORO**

**GSO-14**

REVISED:  
10-10-19

TYPE:  
3" - 10"

**WATER RESOURCES  
DEPARTMENT**

SCALE:  
NOT TO SCALE